User's Guide

PICCOLO
USB FLASH DRIVE

SONNET™
SIMPLY FAST™

Introduction
This user guide explains how to properly use and care for the Piccolo™ USB flash drive with your USB port-equipped computer.

The Piccolo is a cross-platform, self-contained, flash memory drive for use with your Macintosh® computer or Windows® PC; your computer identifies it as a removable media drive. The Piccolo comes unformatted; Mac users may format it either as a Macintosh or DOS drive.

Compatibility
At this printing, Piccolo may be used with any Mac® or Windows OS computer with a USB 1.1 port, that meets the following requirements:

- **Macintosh Computer Requirements**:
  Power Macintosh, Macintosh clone, PowerBook®, iBook®, or iMac® computer running Mac OS 8.6* through Mac OS X Version 10.1.3.

- **PC Requirements**:
  IBM PC/AT or compatible desktop/notebook/sub-notebook/laptop computer with 100 MHz Pentium® (or equivalent) or better running Windows 98[†], Windows 98 SE (Second Edition)[†], Windows Me (Millennium Edition), Windows 2000, or Windows XP.

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* If your system is running Mac OS 8.6, you may need to install additional software for Piccolo to operate. Go to www.sonnettech.com/support/piccolo to get the software.

† Windows 98/Windows 98 SE require driver software for Piccolo to operate in your system. Download the driver from our website at www.sonnettech.com/support/piccolo.

Getting Started
This section describes the physical aspects of the Piccolo.

- **Protective cap** - Remove the cap to plug in the Piccolo, snap it back in place when you unplug the Piccolo (**Figure 1**).

- **Status indicator** - Lights or flashes to indicate operating status:
  LED on or flashing slowly - The Piccolo is powered and recognized by your computer.
  LED flashing quickly - Your computer is reading data from, or writing data to the Piccolo (**Figure 1**). **Note:** While the status indicator is flashing quickly, do not unplug the Piccolo; it is in use.
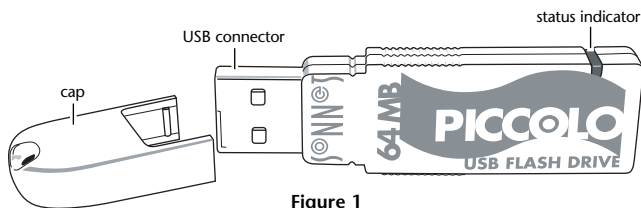

Figure 1

- **USB connector** - Plug into a USB port or extension cable connector (**Figures 1 and 2**).

- **Write protect switch** - Move the switch to the locked position to prevent data writing or erasure (**Figure 3**).
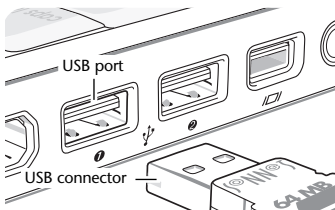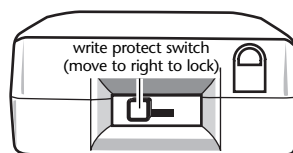

Figure 2

Figure 3

Using the Piccolo With Mac OS X
The Piccolo is supported natively under Mac OS X; no drivers are required. Just plug it into a USB port, and start working.

- **Mount** - When the Piccolo is plugged in, it mounts to the desktop and appears as a removable media device (**Figure 4**).

- **Use** - Use the Piccolo like a removable media drive. Access it from the desktop and from within applications.

- **Eject** - Drag the Piccolo to the Eject icon in the dock to unmount it; alternately, with the Piccolo selected, you may press ⌘ + E on your keyboard. (**Figure 5**).

Figure 4

Figure 5

Notes
- Always remember to "eject" the Piccolo before unplugging it to prevent data loss or corruption.

- When you delete files from the Piccolo (drag them to the trash), remember to empty the trash by selecting Empty trash... from the Finder Menu. Otherwise, the files remain in the Trash folder on the Piccolo and occupy "disk" space.

- If the Piccolo does not mount after you plug it in (or while plugged in when your system boots), unplug it, then plug it back into the USB port; it should mount.

Using the Piccolo With Mac OS 8.6 through 9.x

Piccolo is supported natively under Mac OS 8.6* through 9.x; no drivers are required. Just plug it into a USB port, and start working.

- **Mount** - When the Piccolo is plugged in, it mounts to the desktop and appears as a removable media device **(Figure 6)**.

- **Use** - Use the Piccolo like a removable media drive. Access it from the desktop and from within applications.

- **Eject** - Drag the Piccolo to the Trash on the desktop to unmount it; alternately, with the Piccolo selected, you may press ⌘ + E on your keyboard **(Figure 7)**.

Figure 6

Figure 7

Notes
- Always remember to "eject" the Piccolo before unplugging it to prevent data loss or corruption.

- When you delete files from the Piccolo (drag them to the trash), remember to empty the trash by selecting Special: Empty trash... from the Apple Menu. Otherwise, the files remain in the Trash folder on the Piccolo and occupy "disk" space.

- If the Piccolo does not mount after you plug it in, or while plugged in when your system boots, unplug it, then plug it back into the USB port; it should mount.

* If your system is running Mac OS 8.6, you may need to install additional software for Piccolo to operate. Go to www.sonnettech.com/support/piccolo to get the software.

Using the Piccolo With Windows

The Piccolo is supported natively under Windows Me, Windows 2000, and Windows XP; no drivers are required—just plug it into a USB port and start working. Under Windows 98/Windows 98 SE, you must download and install a driver* prior to using the Piccolo.

- **Detection** - After the Piccolo is plugged in, it is automatically detected by your computer and assigned a drive letter. **(Figure 8)**.

- **Use** - Use the Piccolo like a removable disk. Access it from My Computer and from within applications.

- **Eject** - Open My Computer, right-click on the Piccolo, drop down through the menu and select Eject **(Figure 9)**. Users of Windows Me, 2000, or XP may also left-click on the eject icon on the taskbar, then select the Piccolo **(Figure 10)**.

Figure 8

Figure 9

Figure 10

Notes
- Always remember to "eject" the Piccolo before unplugging it to prevent data loss or corruption.

- If the Piccolo does not appear in My Computer, press the F5 key on your keyboard to refresh the screen. If after refreshing the system the Piccolo still does not appear, unplug it, then plug it back into the USB port; it should appear.

* Windows 98/Windows 98 SE require driver software for Piccolo to operate in your system. Download the driver from our website at www.sonnettech.com/support/piccolo.
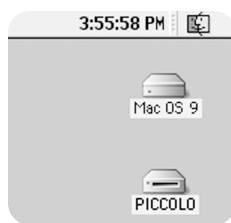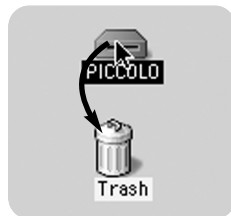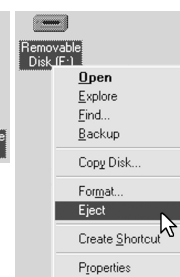
Specifications

Item	Description
Supported Operating Systems	Mac® OS 8.6 through OS X Version 10.1; Windows® 98/98 SE/2000/Me/XP
Power Supply	USB bus-powered (4.5V to 5.5V)
Memory Size (MB)	32/64/128/256 (±5%)
Host Interface	Universal Serial Bus, USB Spec. 1.1 UHCI (Universal Host Controller Interface) OHCI (Open Host Controller Interface)
Operating Current	< 40mA
Suspend Current	< 300µA, compliant to USB spec. of < 500µA
Data Retention	10 years
Write Protection	Write protect switch
Status Indicator	LED on or flashing slowly: Piccolo™ connected/enumerated LED flashing quickly: data receiving/transmitting
Data Reading (Piccolo to Host)	700kbytes/s (depending on computer)
Data Writing (Host to Piccolo)	350kbytes/s (depending on computer)
Operating Temperature	0˚ C ~ +50˚ C
Storage Temperature	-20˚ C ~ +80˚ C
Rel. Humidity Under Operation (Non-Condensation)	20% ~ 80%
Rel. Humidity Under Storage (Non-Condensation)	5% ~ 95%
Dimensions (L x W x H)	64mm x 18mm x 8mm
Weight	12g (approx.)
EMI Compliance	FCC Class B, CE

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A claim of defective materials or workmanship in product(s) shall be allowed only when it is submitted to Sonnet within the warranty period. No claim shall be allowed in respect to product(s) which have been altered, neglected, damaged or stored in any manner which adversely affects them. No product(s) shall be returned to Sonnet for any reason without a return authorization from Sonnet. You bear the responsibility for shipping product(s) to Sonnet within 30 days of authorization and paying for associated shipping and insurance costs. Sonnet will pay the cost to ship repaired or replaced product(s) back to you.

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- Product name • Date and place of purchase • Computer type and model
- Operating system and version

If further assistance is needed, please contact us at:

Website: www.sonnettech.com
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